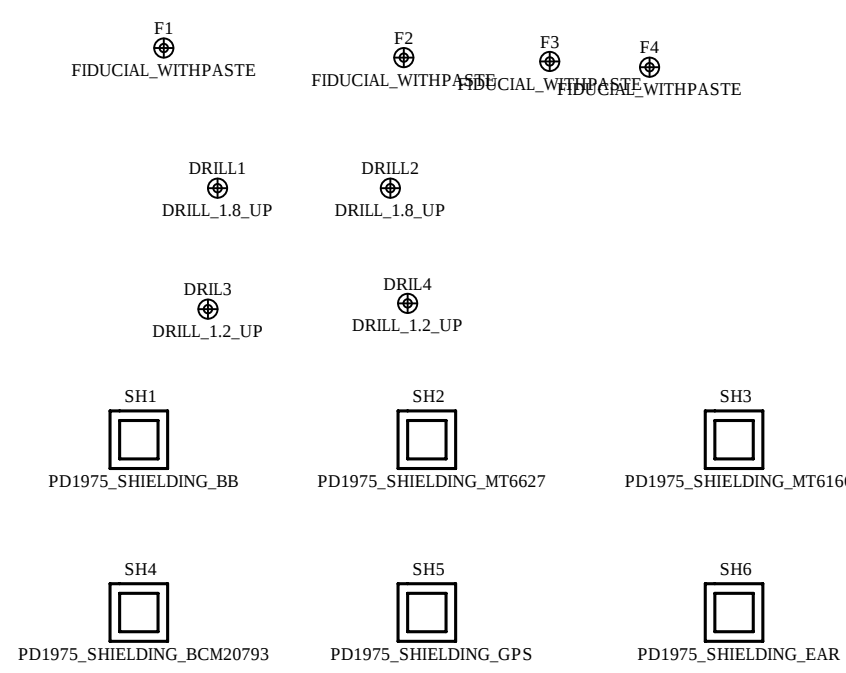
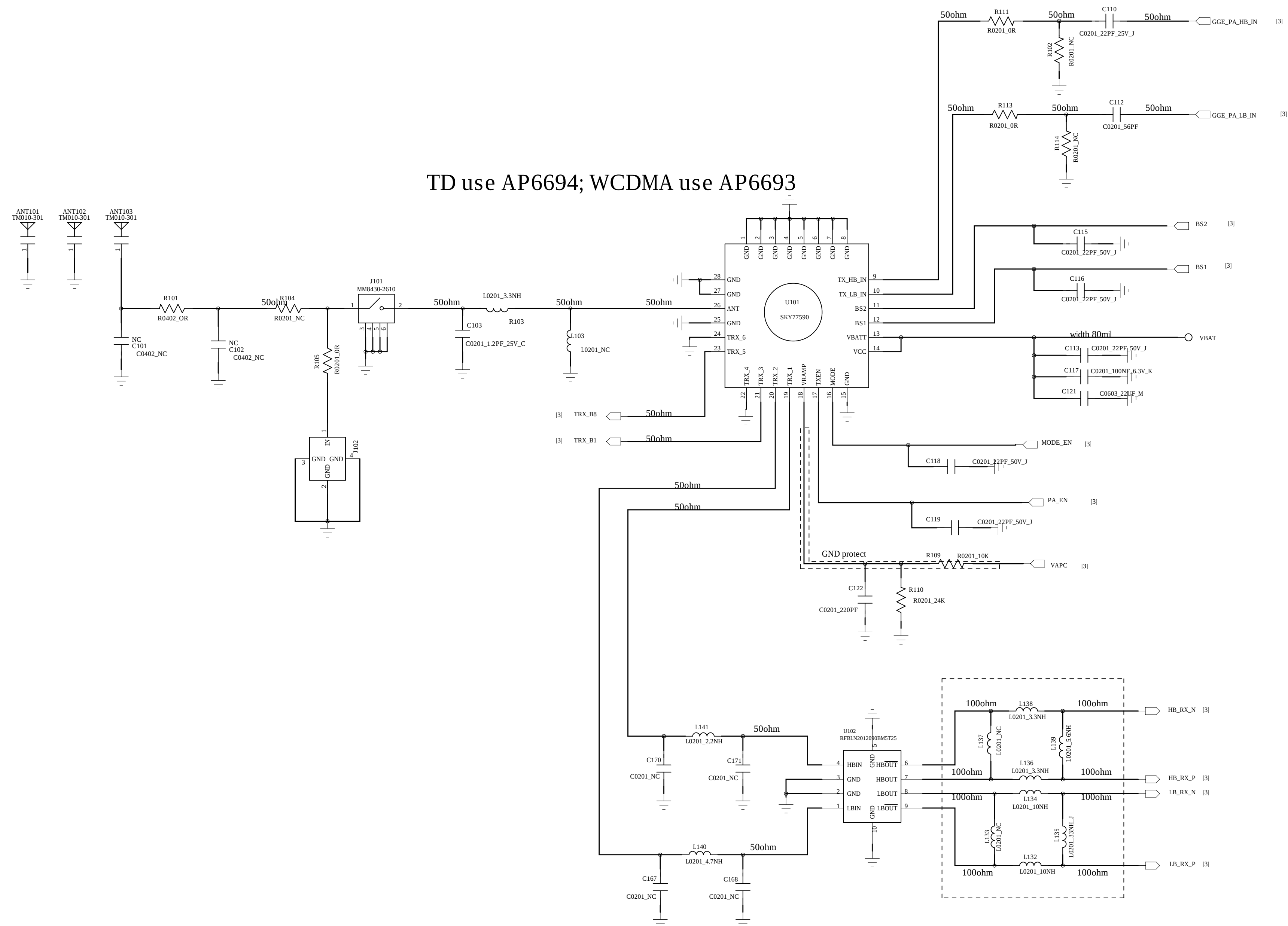


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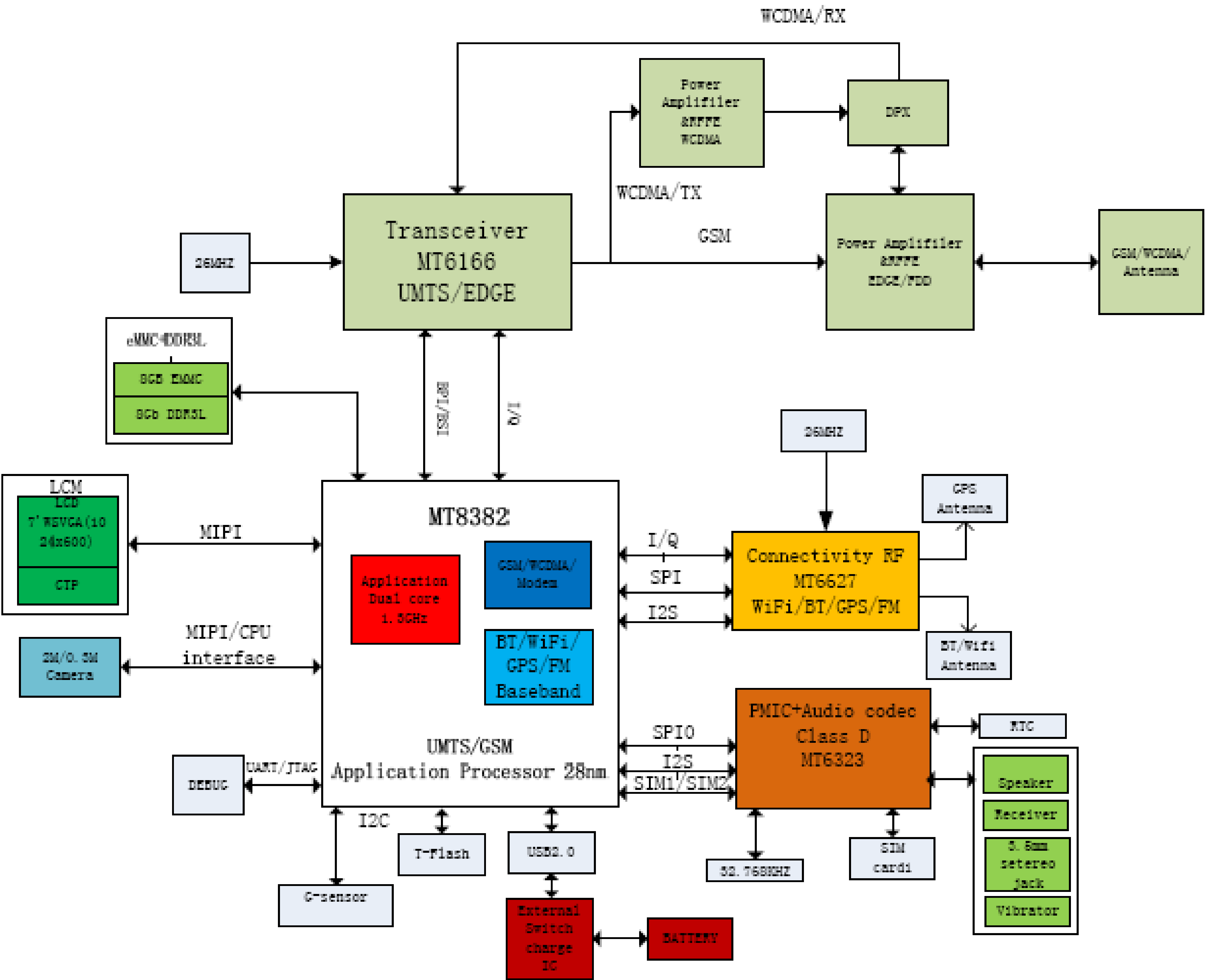
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LB_GMSK_TX	H	L	H	L
HB_GMSK_TX	H	L	H	H
LB_EDGE_TX	H	L	L	L
HB_EDGE_TX	H	L	L	H
RX1	L	H	L	L
RX2	L	L	H	L
RX3	L	L	H	H
RX4	L	L	L	H
RX4	L	L	L	H
RX4	L	L	L	H



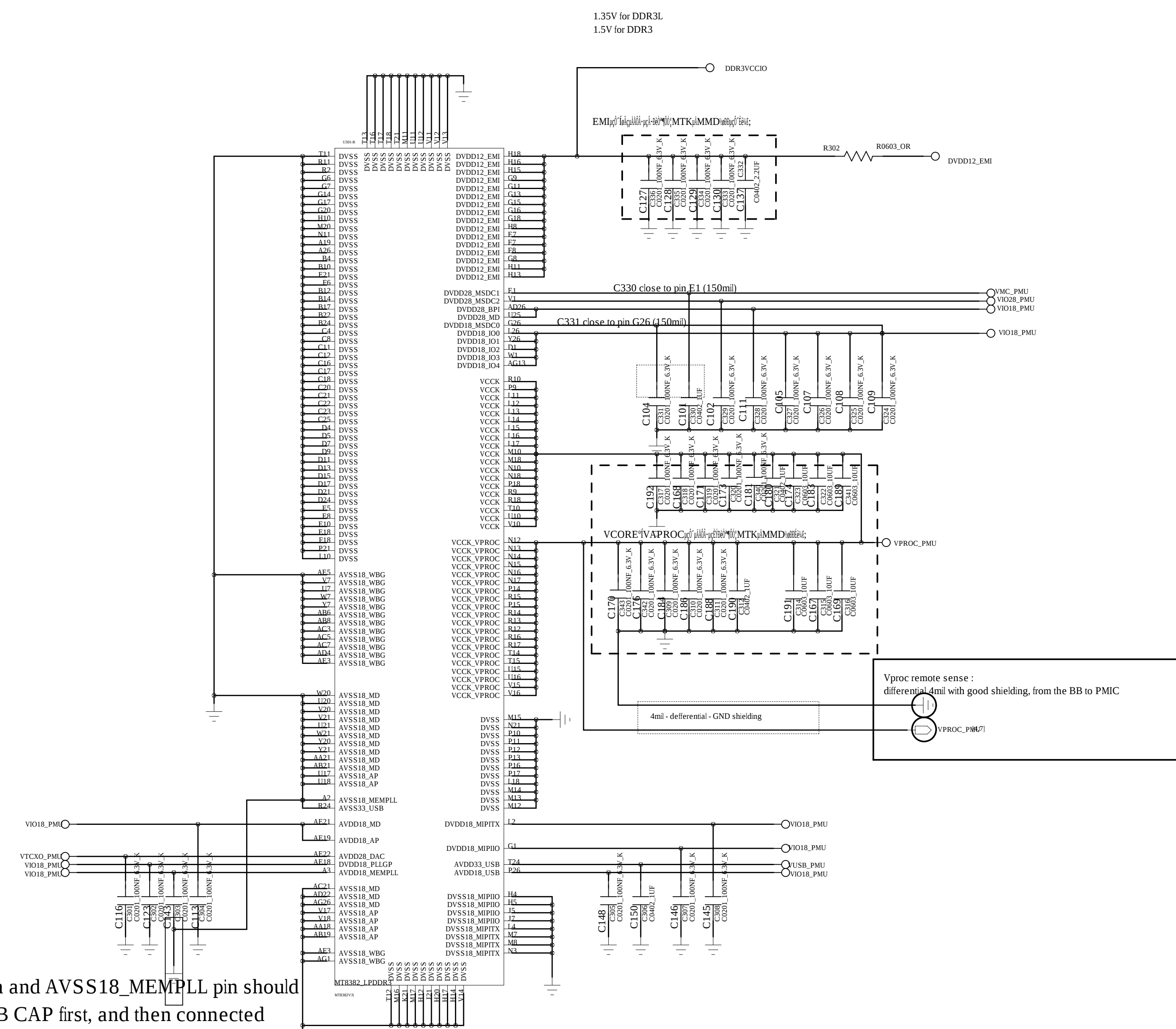
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Aprilia_Block Diagram Drawing



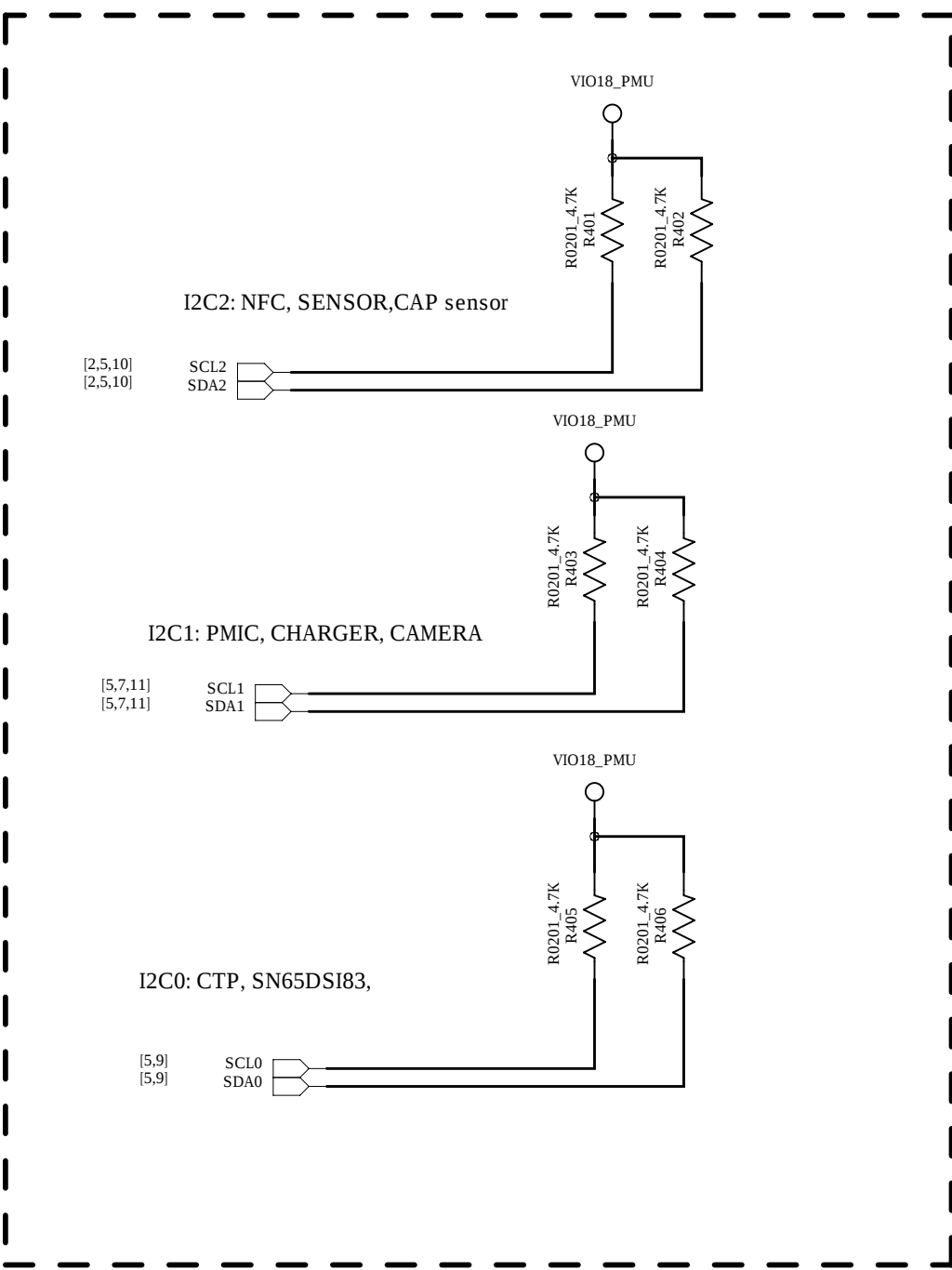
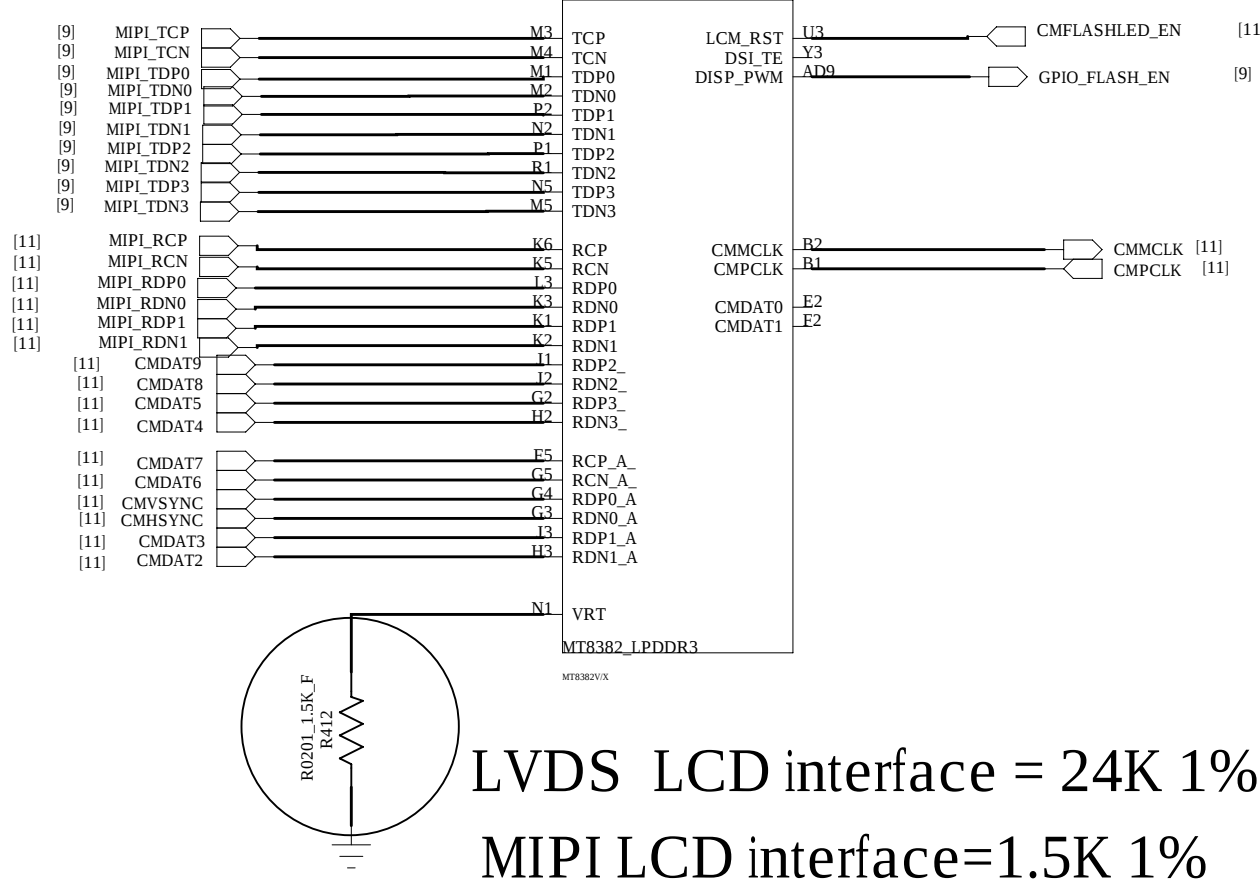
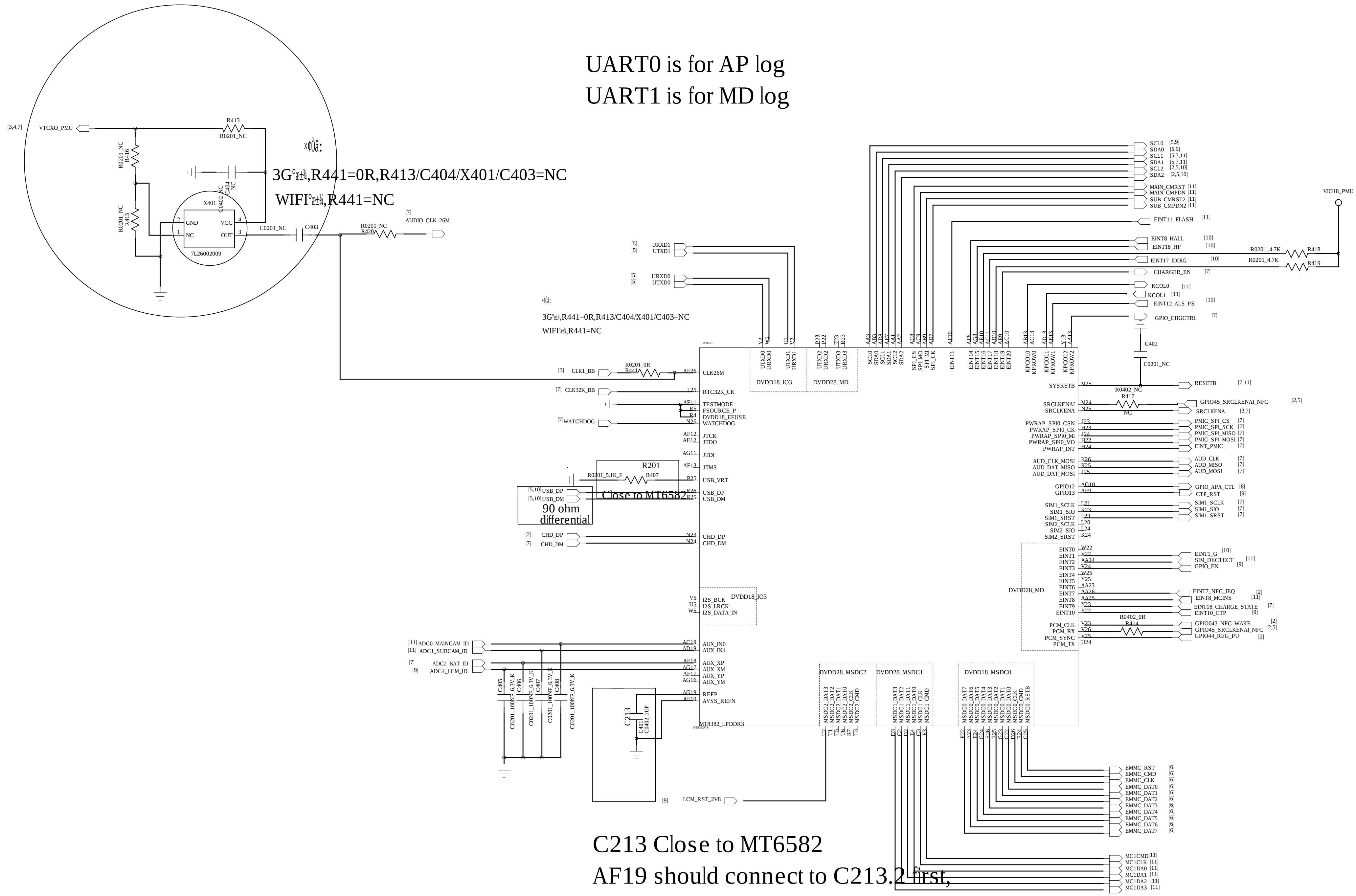
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SHEET: 26		13	



AVDD18_MEMPLL pin and AVSS18_MEMPLL pin should be connected with PCB CAP first, and then connected with PMU and PCB ground. CAP should be near MT6582 as possible as we can.

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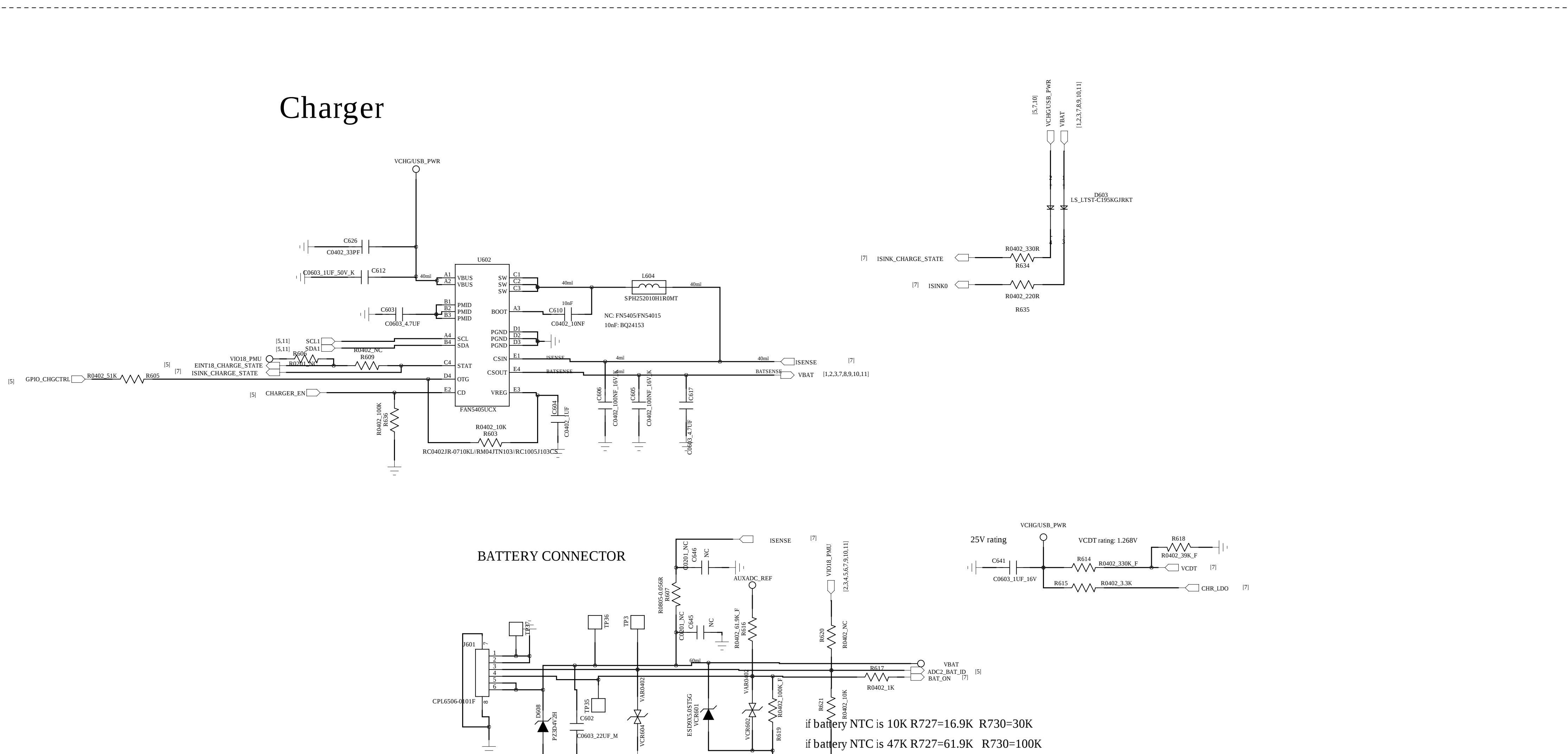
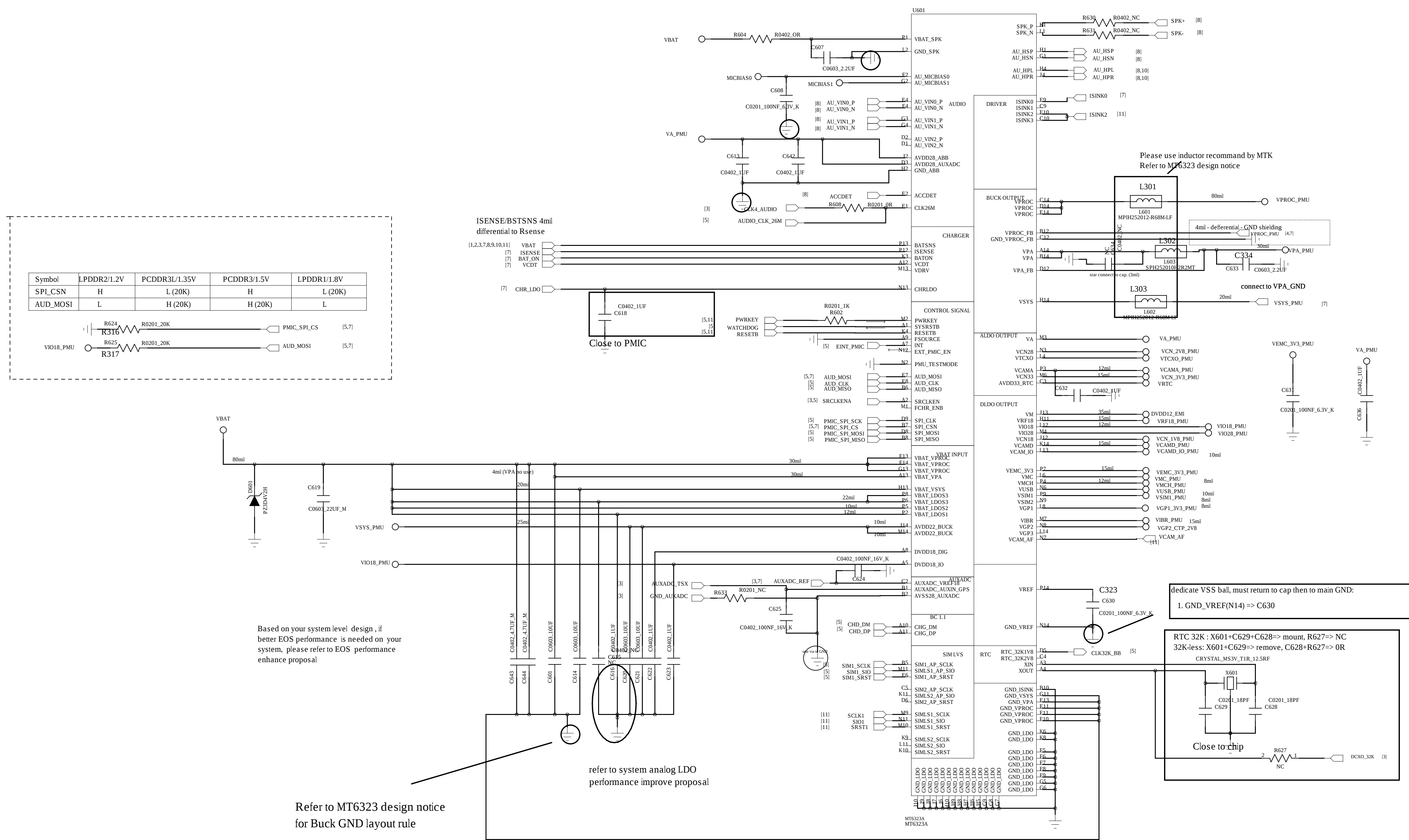


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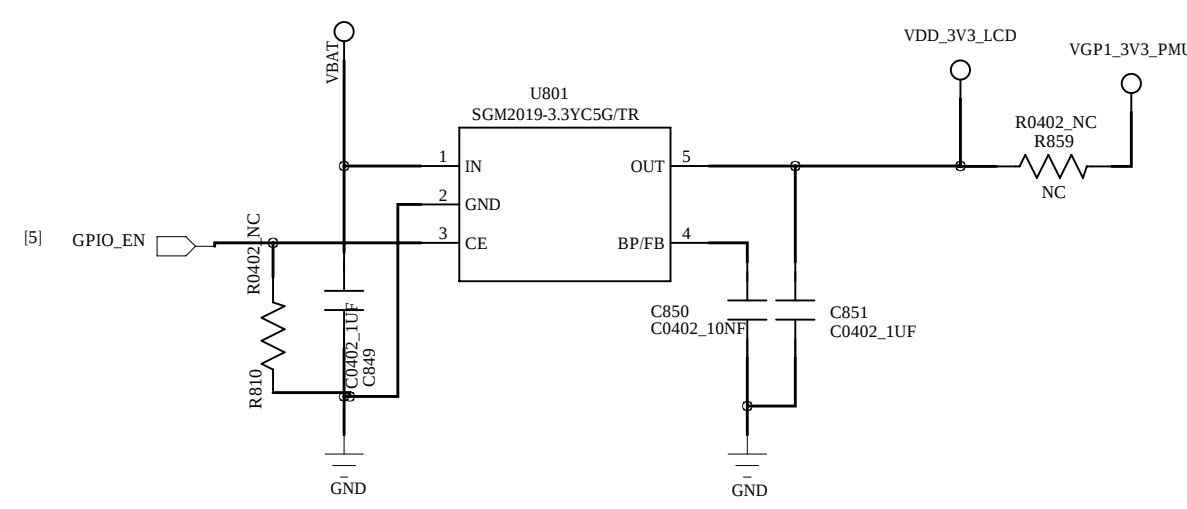
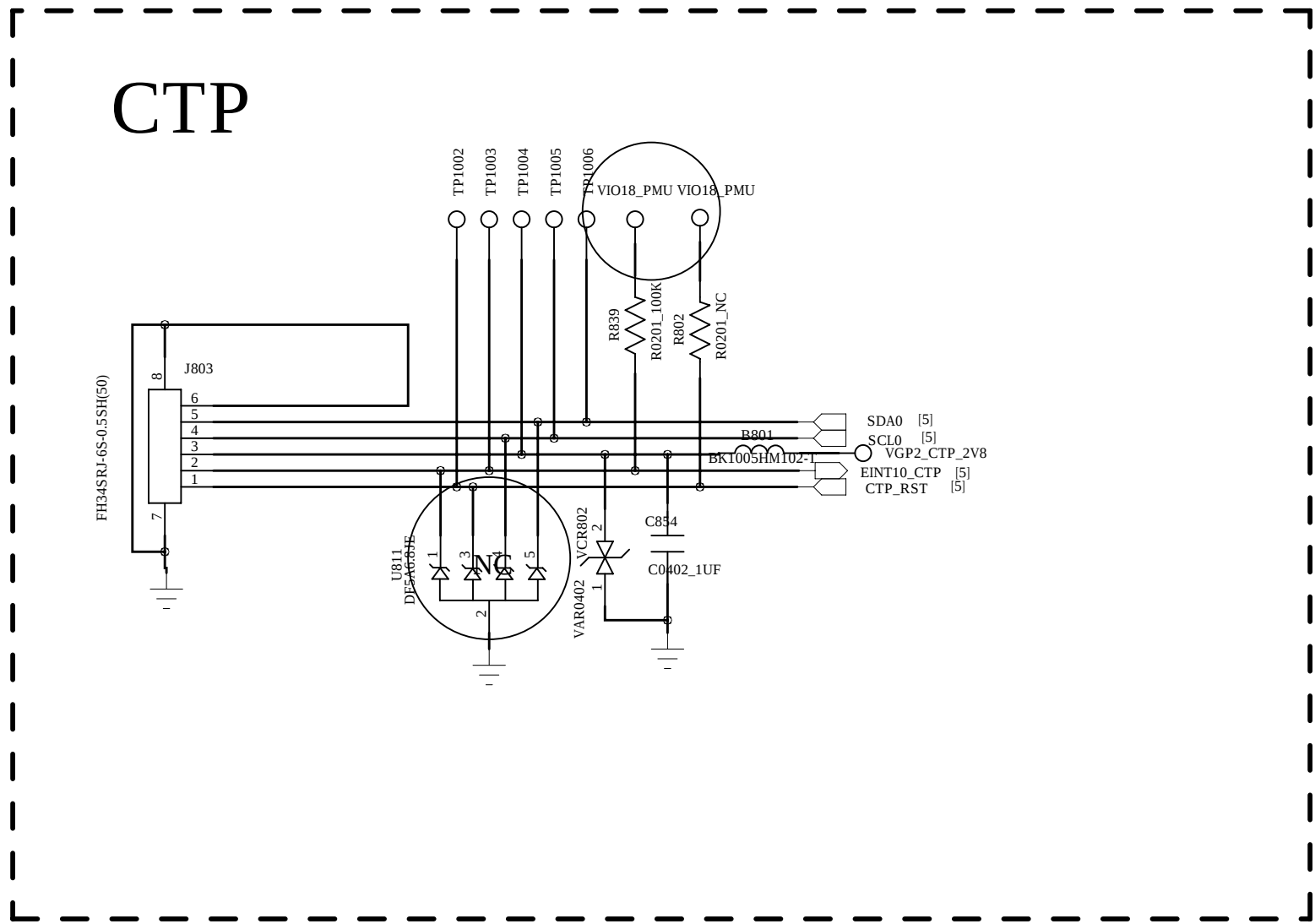
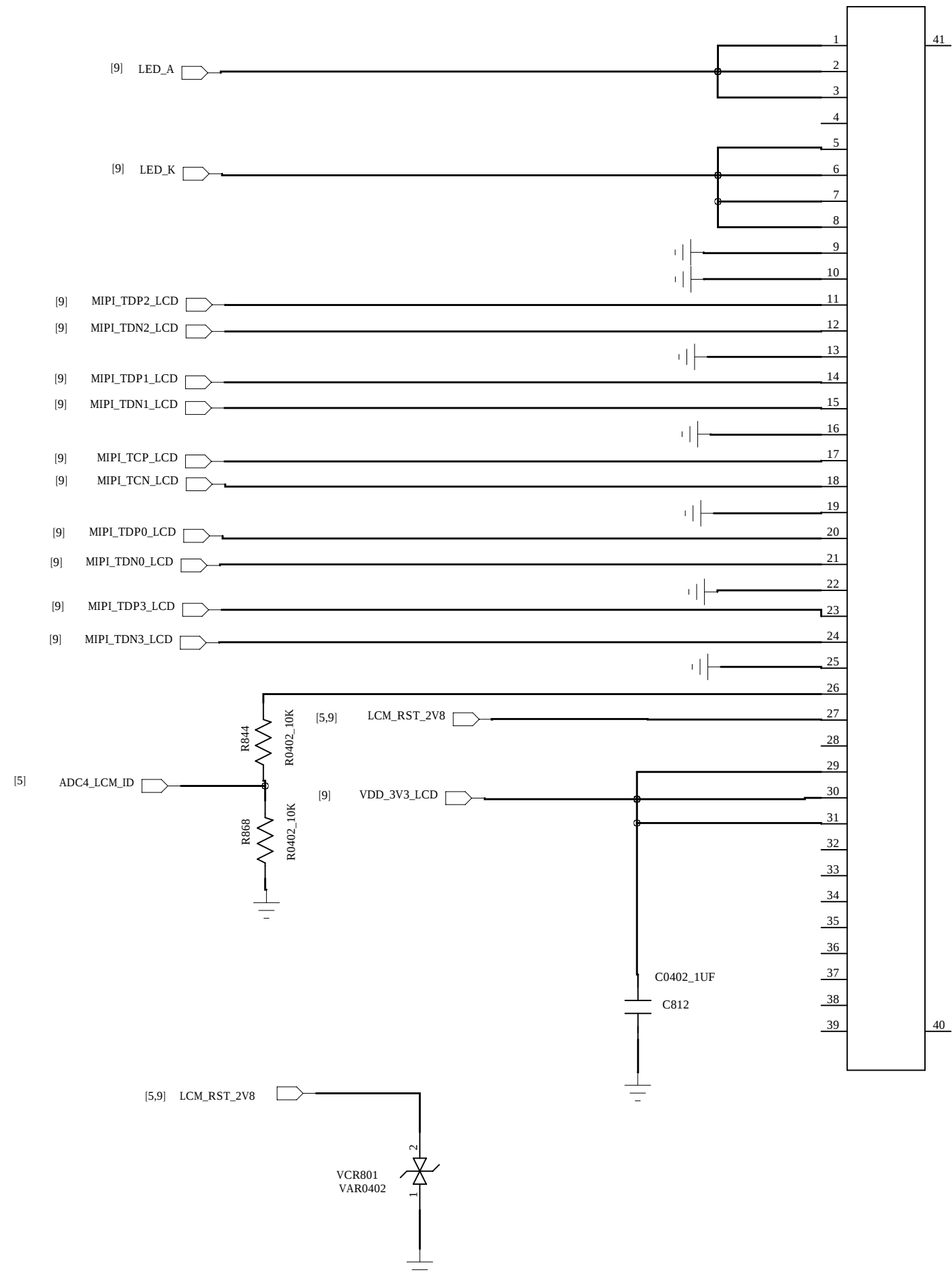
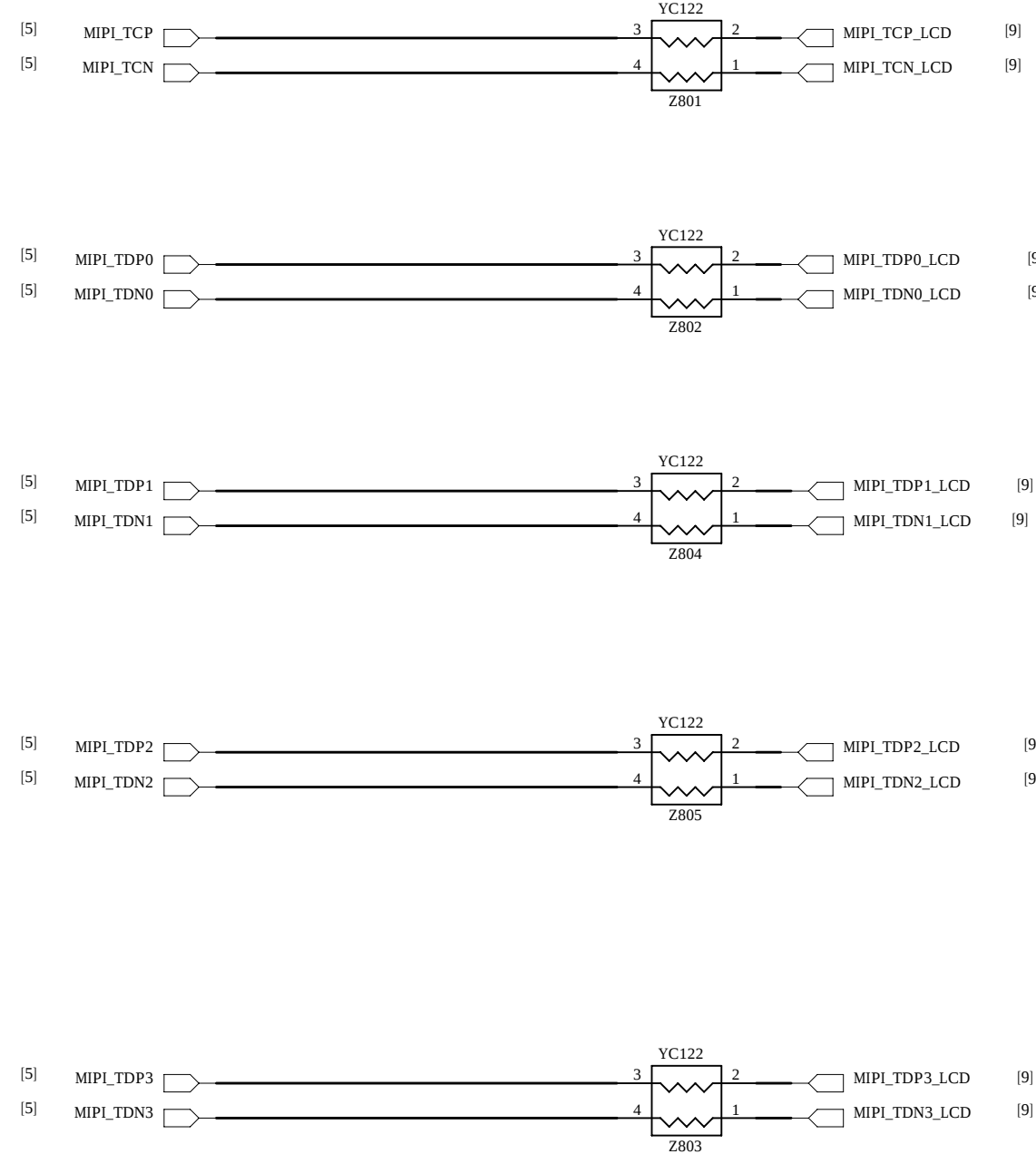
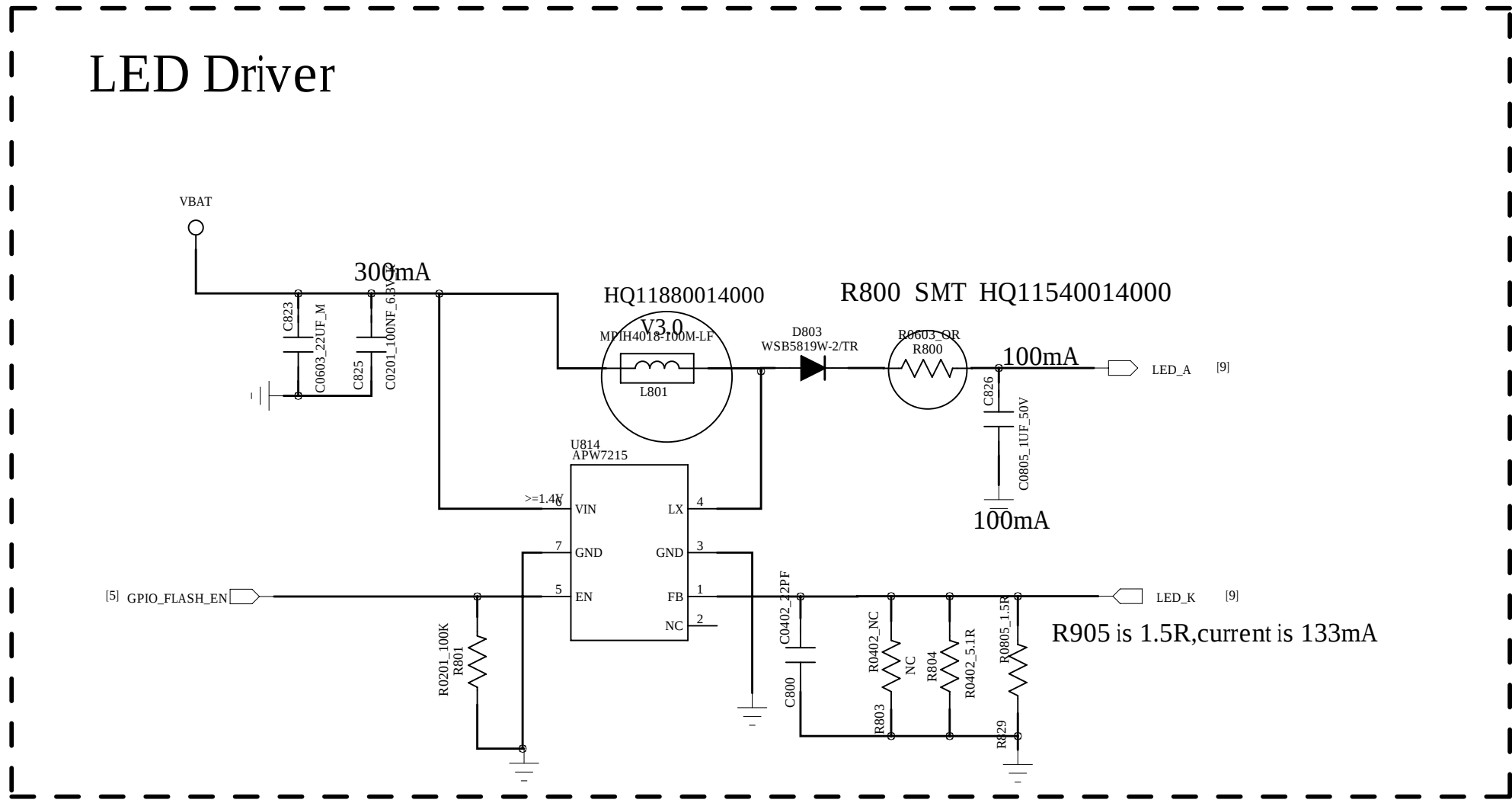
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Block	Name	Vout	Current	Default On	On/Off control
DC/DC	VCORE	0.7~1.4 (DC/DC+DVS)	2800	V	1. Always On
	VSYS	1.825/2.2	1400	V	1. Always on
	VPA	0.5~3.4V	600		Register (default) SRCLKEN
VSYS LDO	VM	1.2/1.35/1.5/1.8	300 (1.8V) 700 (1.2V)	V	1. Always on
	VRF18	1.825	200		1. Register (default) 2. SRCLKEN
	VIO18	1.8	300	V	1. Always on
	VCN_1V8	1.8	120		1. Register (default) 2. SRCLKEN
	VCAMD	1.2/1.3/1.5/1.8	150		Register
	VCAM_IO	1.8	100		Register
	VGP3	1.2/1.3/1.5/1.8	200		Register
Analog LDO	VA	2.8	150	V	1. Always On 2. Enable
	VTCXO	2.8	40	V	1. Register (default) 2. SRCLKEN
	VCN28	2.8	30		1. Register (default) 2. SRCLKEN
	VCAMA	1.5/1.8/2.5/2.8	150		Register
Digital LDO	VCN33	3.3/3.4/3.5/3.6	240		1. Register (default) 2. SRCLKEN
	VIO28	2.8	200	V	1. Always On 2. Enable
	VUSB	3.3	20	V	Always On
	VMC	1.8/3.3	100	V	1. Register (default) 2. SRCLKEN
	VMCH	3.0/3.3	400 (support SD 3.0)	V	1. Register (default) 2. SRCLKEN
	VEMC_3V3	3.0/3.3	400	V	1. Register (default) 2. SRCLKEN
	VCAM_AF	1.2/1.3/1.5/1.8/2.0 2.8/3.0/3.3	100		Register
	VSIM1	1.8/3.0	50		Register
	VSIM2	1.8/3.0	50		Register
	VGP1	1.2/1.3/1.5/1.8/2.0 2.8/3.0/3.3	100		Register
	VGP2	1.2/1.3/1.5/1.8/2.0 /2.5/2.8/3.0	100		Register
	VIBR	1.2/1.3/1.5/1.8/2.0 2.8/3.0/3.3	100		Register
	VDIG18	1.8	20	V	Register
VRTC	VRTC	2.8	2	V	Always On

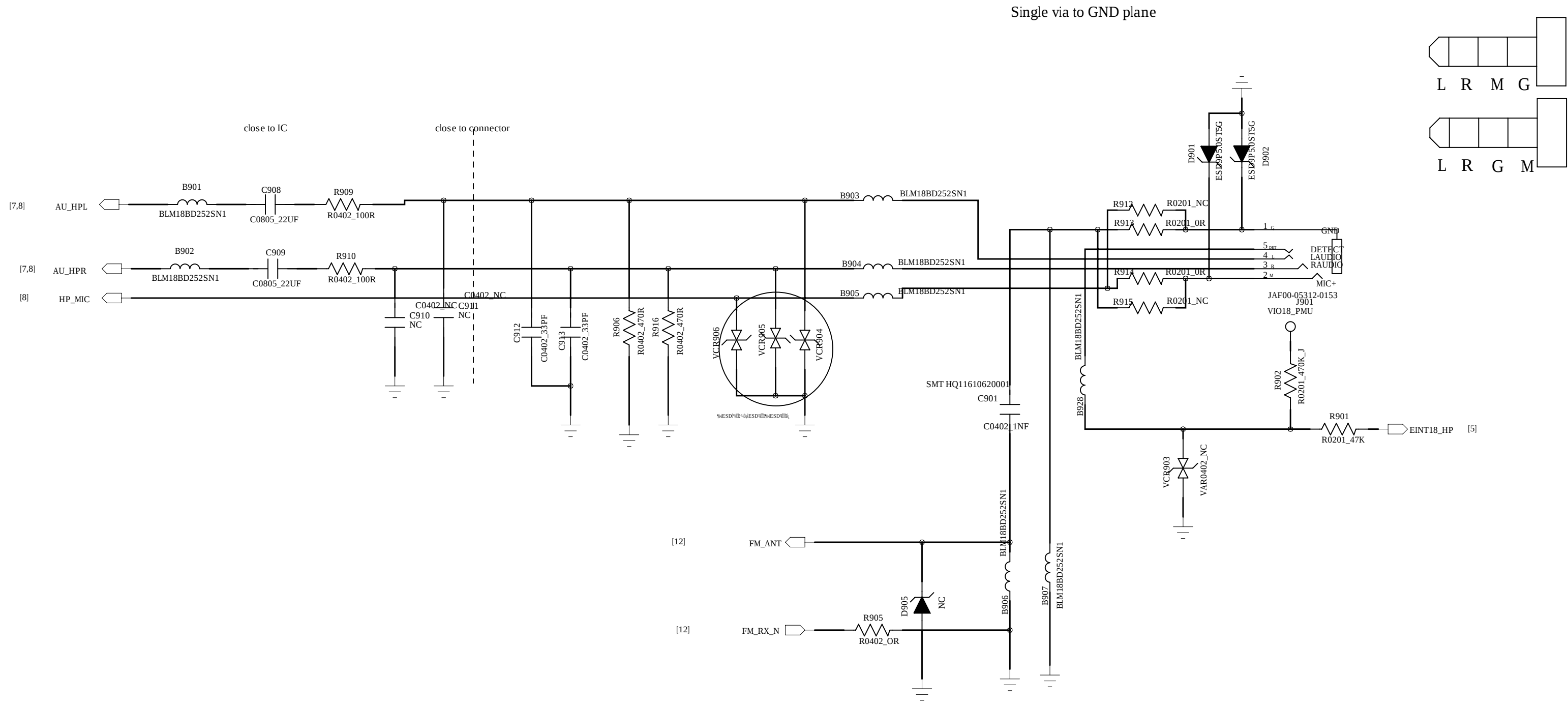
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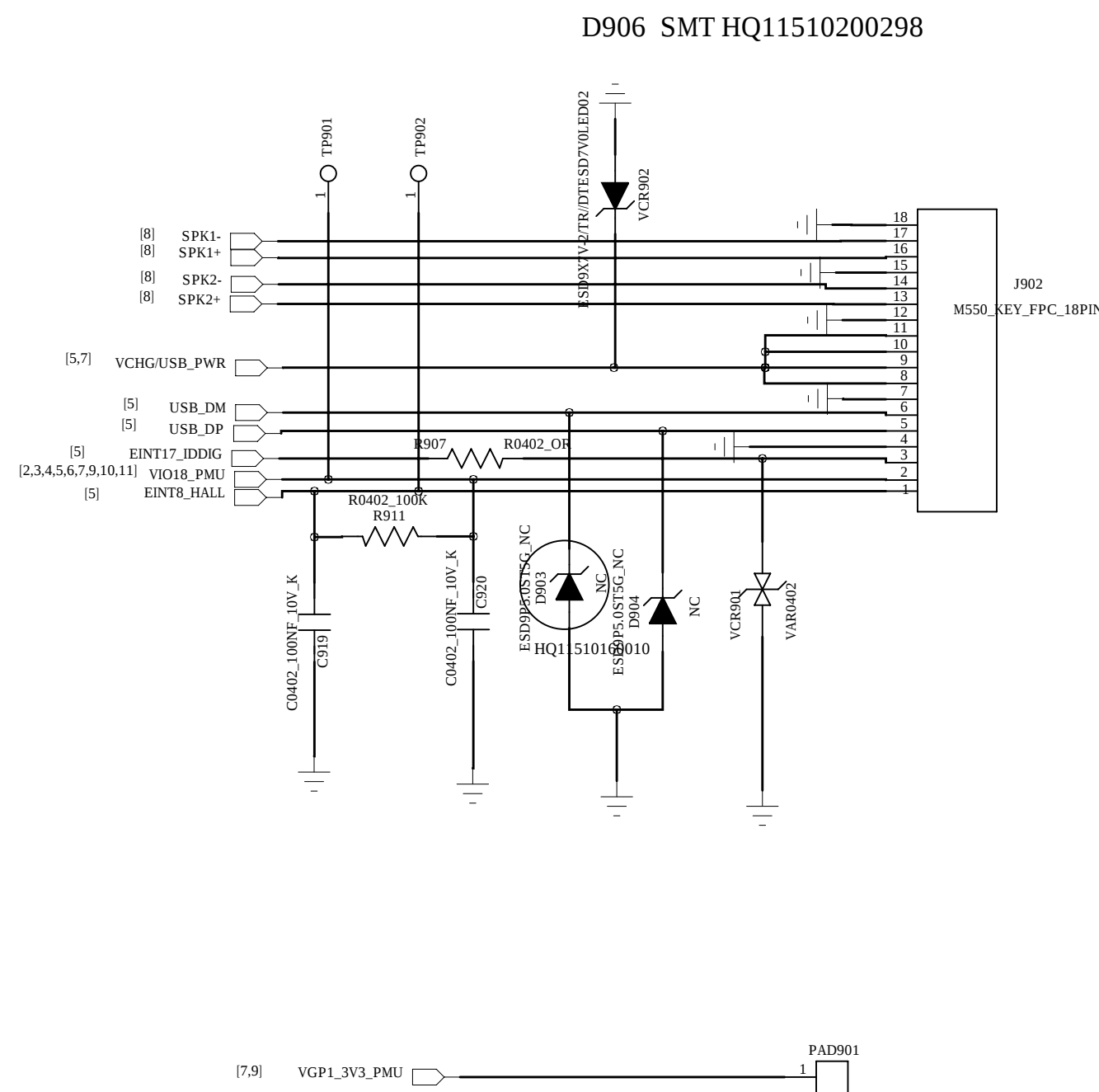


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*** check ear jack circuit ***



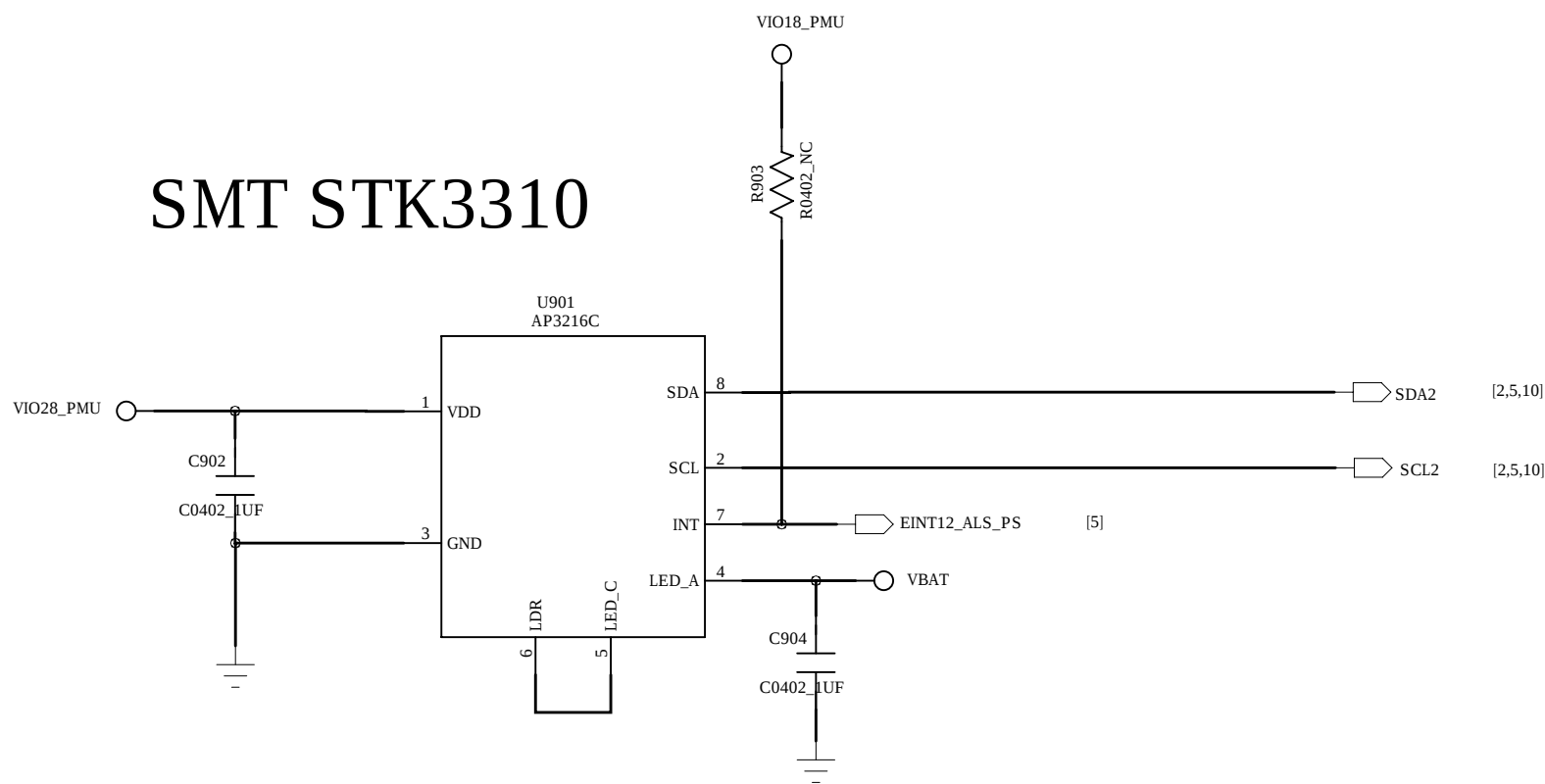
IO CONNECTOR 18 pin



RGB

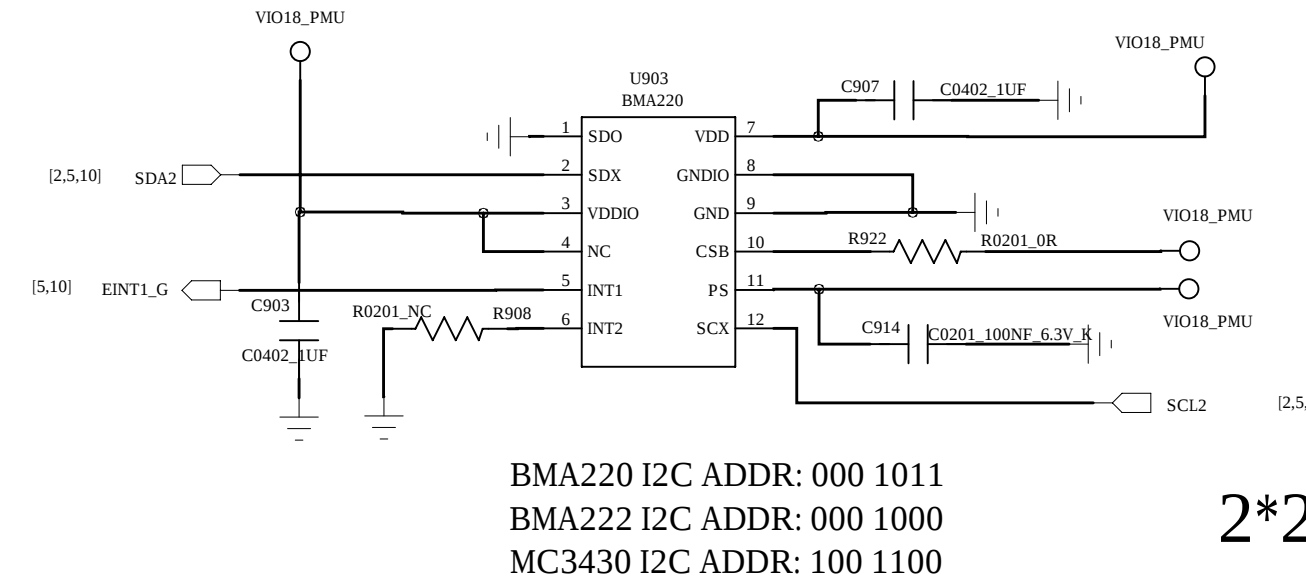
ALS & PS FPC

SMT STK3310

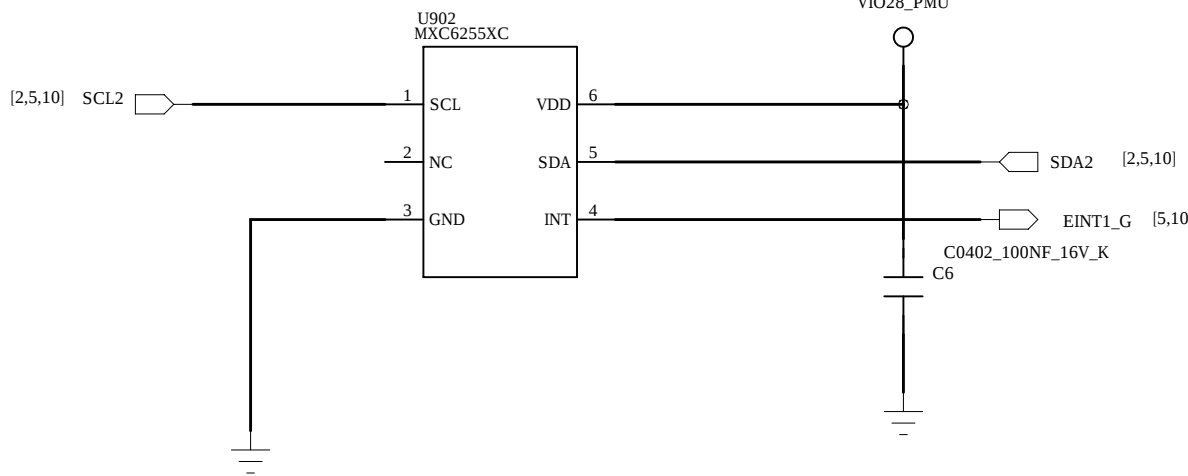


3-Axis G-Sensor

SMT BMA223



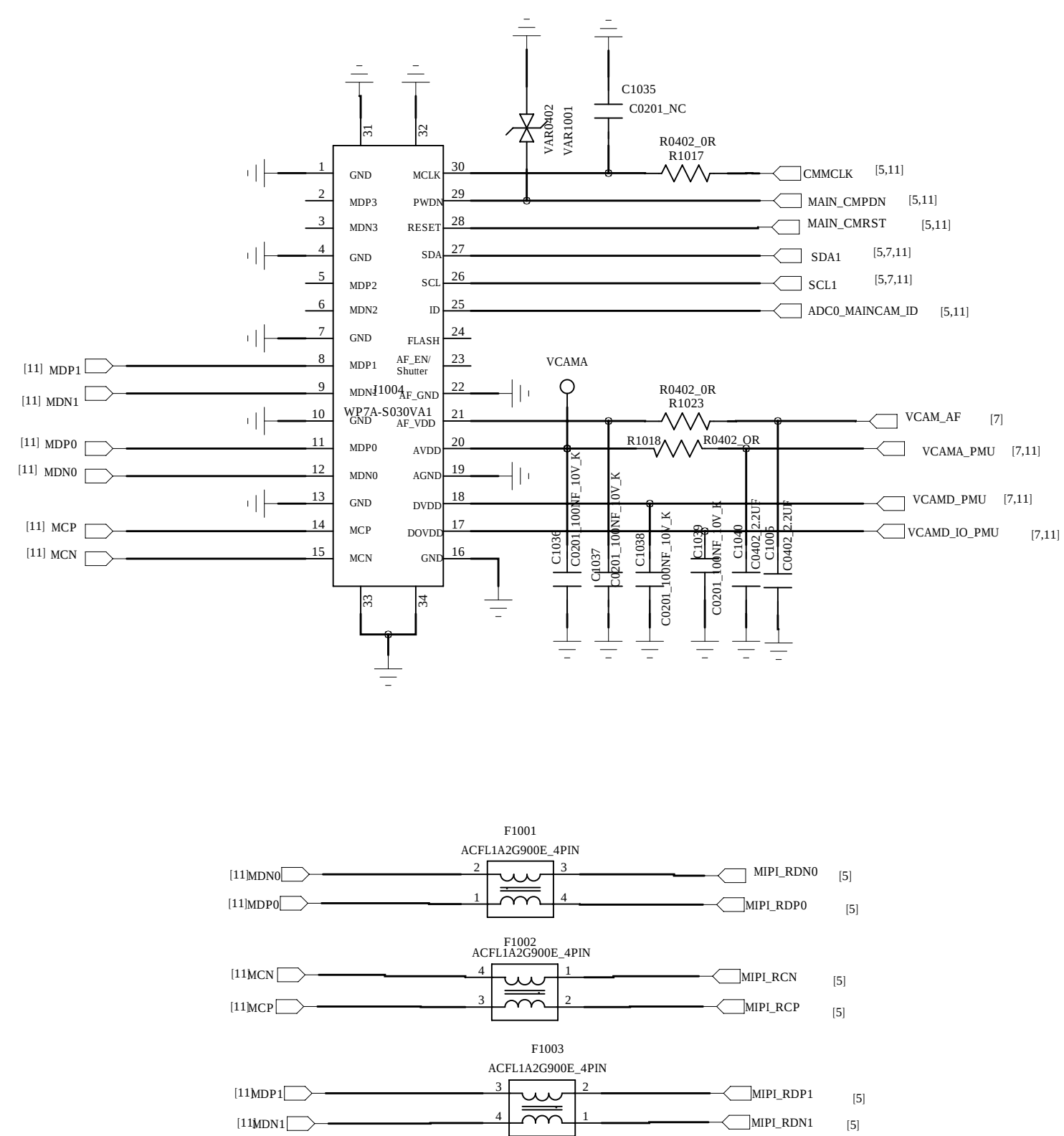
MXC3430 I2C ADDR: 05H



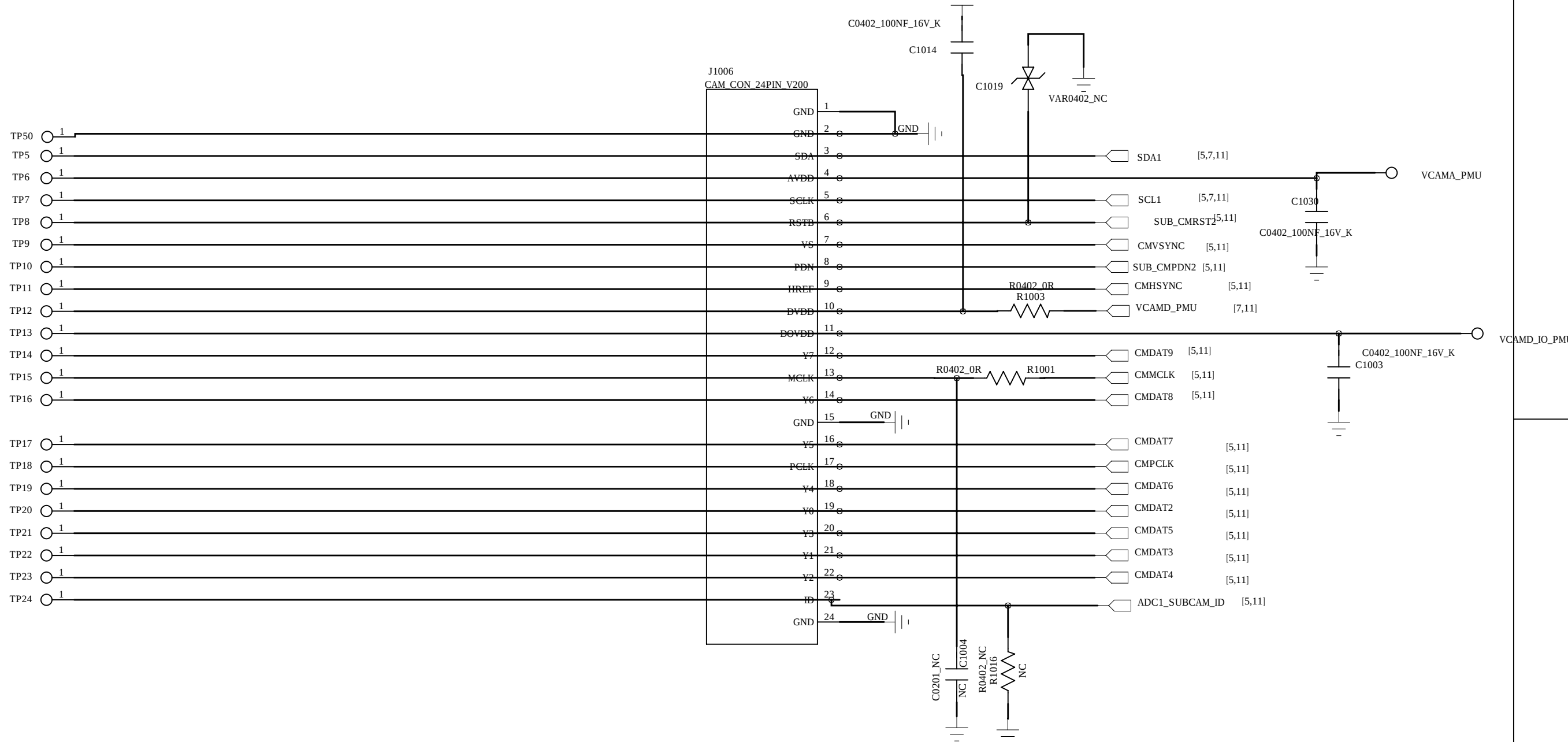
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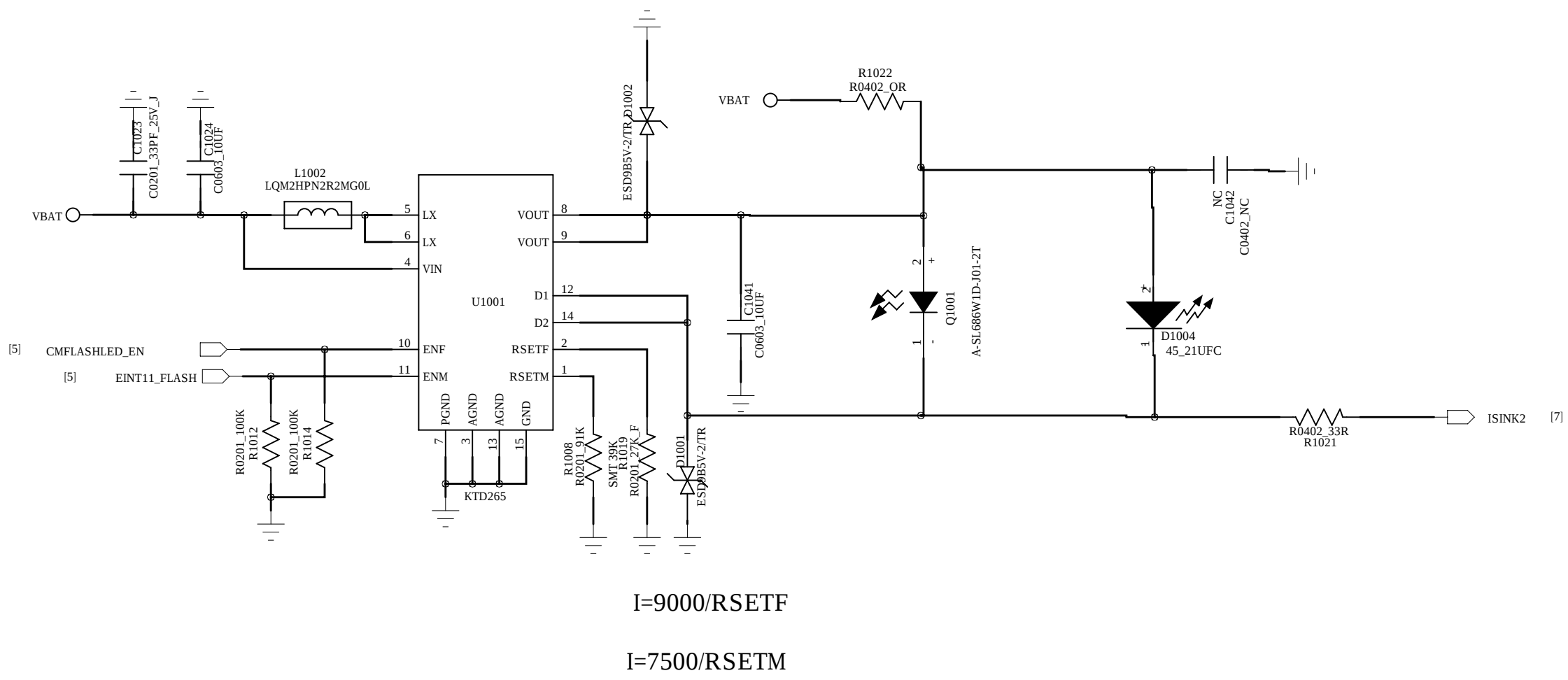
CAMERA INTERFACE



SUB Camera



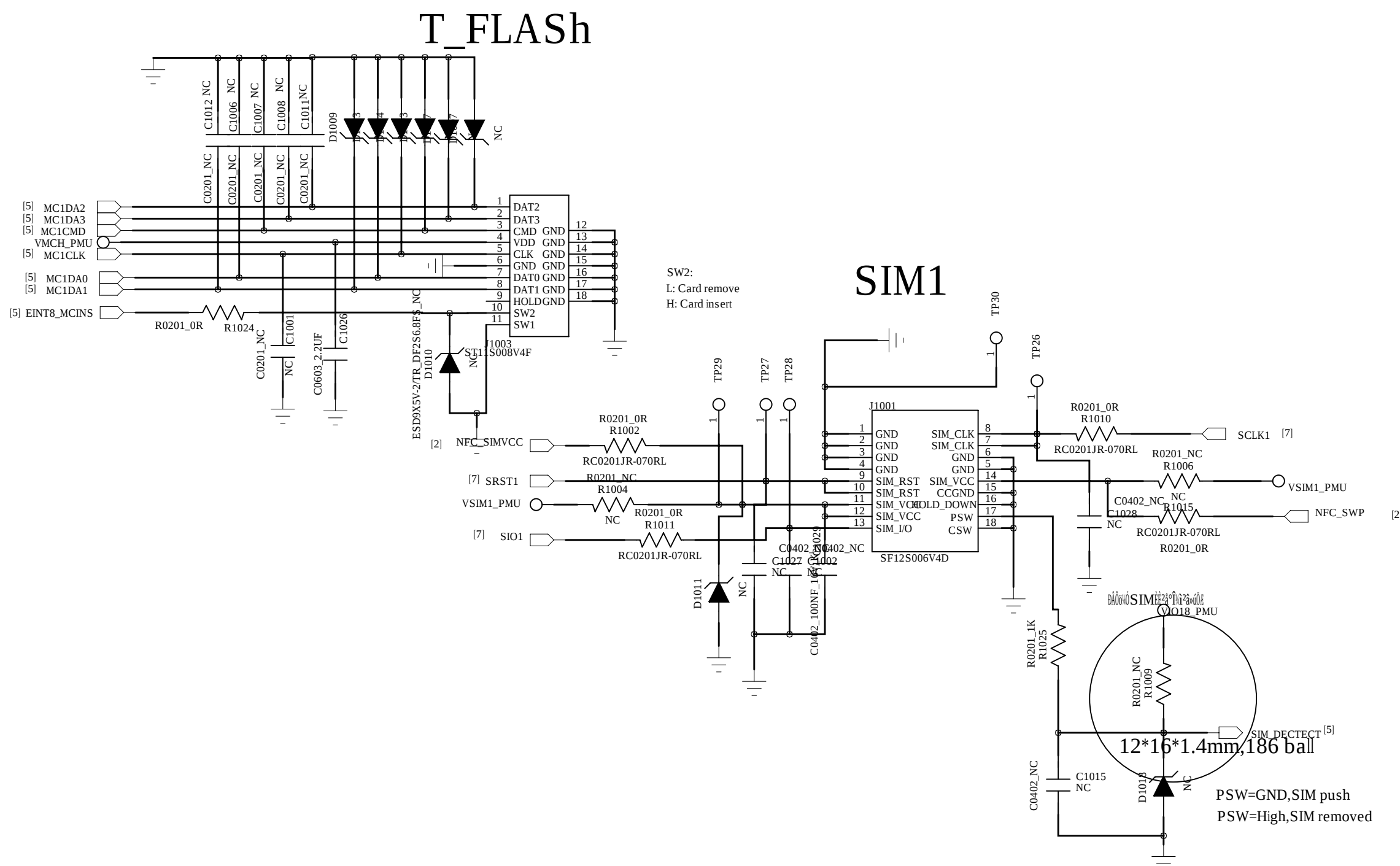
Flash LED Driver



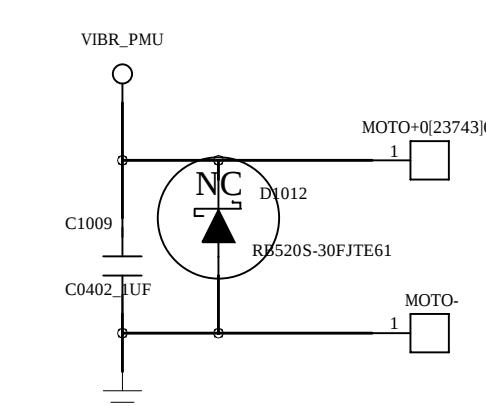
SMT SGM3780

SIM CARD

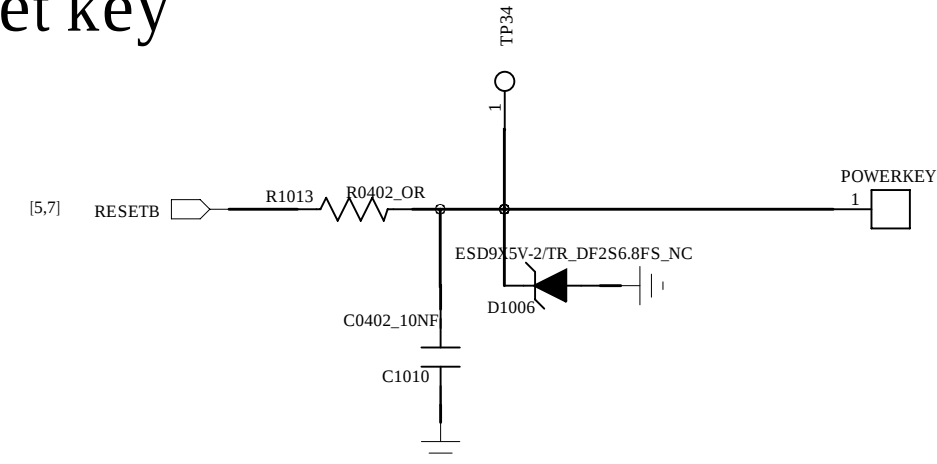
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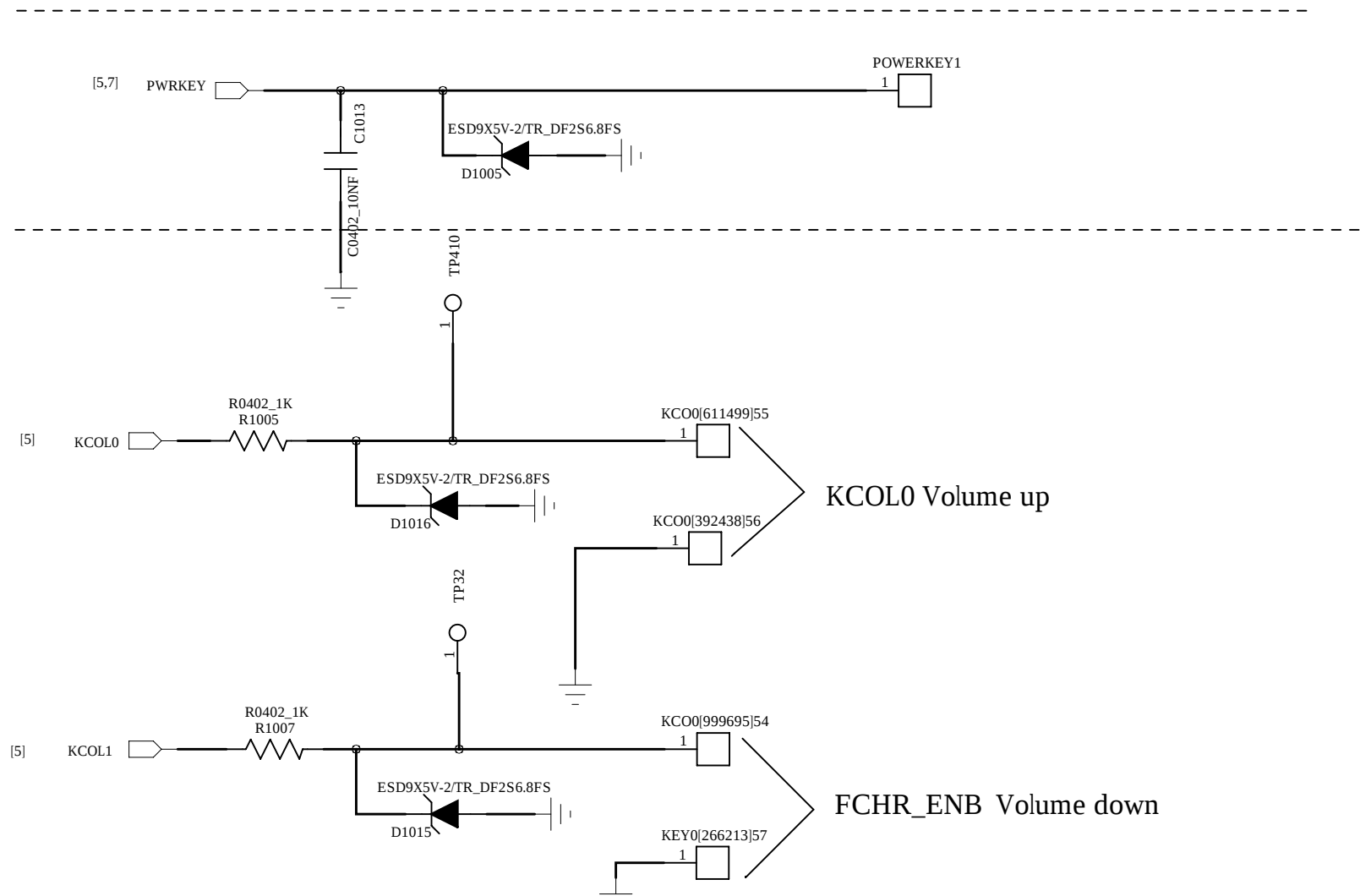
MOTO



Reset key



Power key



Notice :

There are 3 options for "Long press to shutdown" function

- 1.PWRKEY + FCHR_ENB
- 2.PWERKEY only
- 3.FCHR_ENB only

During download mode, default = PWRKEY + FCHR_ENB

For other case (exclude download mode), default = PWERKEY only

REVISION RECORD			
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